

Prentice Hall Mathematics: Course 3 Kentucky Student Edition Bundle

Includes: Course 3 Student Edition and Kentucky Test Prep Workbook, Grade 7.

Prepares students for Algebra 1, providing a solid foundation of integers, rational numbers & real numbers, setting the stage for equations, inequalities & functions. Real-world applications to more abstract algebraic concepts are found throughout.

Teacher Edition		
0131340026		\$91.97
Prentice Hall Mathematics: Course 3 Teacher's Edition		
Essential Items		
0133626512	Nimas	\$3.47
Prentice Hall Mathematics: Kentucky Test Prep Workbook, Grade 8		
0131339931	Nimas	\$59.97
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Ancillary Items		
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Choice of One: All-In-One Student Workbook or All-In-One, Adapted Version Student Workbook - Free		
0133626512	Prentice Hall Mathematics: Course 3 - Kentucky Test Prep Workbook	\$3.47
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013363048X	Prentice Hall Mathematics: Course 3 - With text purchase, add	\$9.00
Free upon request, 1 per Student Edition purchased		

ISBN**0133682080**Contract Price

\$49.97

Grade

8

TYPE

P2

Copyright

2008

Author

Charles et al.

Edition

6th

Content

Grade 8 Mathematics

Readability

800L

Accessibility

Nimas

Research

<http://www.pearsonschool.com/index.cfm?locator=PSZ3Wu>

Pearson Education, Inc., publishing as Prentice Hall

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Teacher Edition

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Ancillary Items

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0132013959	Prentice Hall Mathematics: Course 3 - All-In-One Workbook, Student Edition	Accessibility	none	\$9.47
Choice of One: All-In-One Student Workbook or All-In-One, Adapted Version Student Workbook - Free				

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Evaluation Tool for Basal Instructional Materials
Mathematics (2009 – 2015)

Provided by the Publisher	ISBN 0133682080		Publisher - Pearson Education, Inc., publishing as Prentice Hall		Provided by the Publisher
	Prentice Hall Mathematics: Course 3 Kentucky Student Edition Bundle				
	Type - P2	Author - Charles et al.			
	Copyright - 2008	Edition - 6th	Readability - 800L		
	Course - Grade 8 Mathematics		Grade(s) - 8		
Teacher Edition ISBN if applicable0131340026					

Overall Recommendation:	Recommended as BASAL
Overall Strengths, Weaknesses, Comments:	if this box is not checked, the evaluators have chosen NOT recommend as basal
This text meets the requirements of the 8th grade KY Program of Studies with exceptions listed below.	

NIMAC Accessibility N
 Ancillary No
 Free with Purchase Yes
 Research Yes <http://www.pearsonschool.com/index.cfm?locator=PSZ3Wu>

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CRITERIA

This basal resource ...

A. Encompasses KY Content Standards & Grade Level Expectations Strong Evidence	
Text is designed to be used in an elective course outside the Program of Studies	
1) Includes the 5 Big Ideas of mathematics to the following extent:	
a) Number Properties and Operations	Strong Evidence
b) Measurement	Strong Evidence
c) Geometry	Strong Evidence
d) Data Analysis and Probability	Strong Evidence
e) Algebraic Thinking	Strong Evidence
2) Addresses content-specific enduring understandings from the related Program of Studies standards.	Strong Evidence
3) Addresses content-specific skills and concepts from the related Program of Studies standards.	Strong Evidence
4) Content addressed is current, relevant and non-trivial	Strong Evidence
5) Provides opportunities for critical thinking/reasoning	Strong Evidence

6) Strengths, Weaknesses, Comments:

- Specific strengths-which areas/concepts are covered exceptionally well?
- Specific weaknesses-which areas/concepts would likely require supplementing?

The Number Properties strand is strong, but does not include cube roots and has little opportunity of ordering irrational numbers.

The Measurement strand is strong, but does not provide enough student use of measurement tools.

The Data Analysis and Probability strand is strong, but does not include determining and interpreting clusters and gaps in data.

The Algebraic Thinking strand is strong, but would require supplementing in the area of two-step inequalities.

B. Functionality & Suitability

Strong Evidence

1) Suitability

Strong Evidence

- Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind.

2) Content quality

Strong Evidence

- Free from factual errors
- Content is presented conceptually when possible—more than a mere collection of facts
- Content included accurately represents the knowledge base of the discipline
- Theories/scientific models contained represent a broad consensus of the scientific community
- Interconnections among mathematical topics

3) Connections to Literacy

Strong Evidence

- Employs a variety of reading levels and is grade/level appropriate
- Use of multiple representations-concrete, visual/spatial, graphs, charts, etc.
- Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles.
- Student text provides opportunity to integrate reading and writing
- Uses vocabulary that is age and content appropriate
- Focuses on critical vocabulary vs. extensive lists
- Identifies key vocabulary through definitions in both text and glossary
- The text is engaging and facilitates learning
- Embedded activities enhance the understanding of the text

Note: may apply to either student or teacher editions

4) Connections to Technology

Strong Evidence

- Integrates technology and reflects the impact of technological advances
- Uses technology in the collection and/or manipulation of authentic data
- Embeds web links as a mathematics resource.

5) Support for Diverse Learners

Strong Evidence

- Provides support for ESL students
- Provides support for differentiation of instruction in diverse classrooms
- Challenge for gifted and talented students
- Support for students with learning difficulties

Note: may apply to either student or teacher editions

6) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

The text offers many connections to literacy throughout the lessons.

Internet links are provided for chapter projects, homework video tutor, and online quizzes and tests. The use of graphing calculators and spreadsheets are included in lessons and labs.

Tips for differentiated learning are embedded throughout the text.

C. Supports Inquiry and Skill Development	Strong Evidence
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1) Promotes Inquiry, research and Application of Learning

Strong Evidence

- Provides opportunities for inquiry and research that includes activities such as gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions, formulating authentic questions to deepen and extend mathematical reasoning.
- Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, generalizing, justifying, etc.)
- Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.
- Provides opportunities for application of learned concepts.
- Uses a variety of relevant charts, graphs, diagrams, number lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills.
- Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning.

Note: may apply to either teacher or student edition

2) Skill Development

Strong Evidence

- Provides opportunities to make sense of all mathematics
- Provides opportunities to recognize, create, and extend patterns.
- Provides opportunities for critical thinking and reasoning.
- Provides opportunities to justify/prove responses.
- Provides opportunities to ask deeper questions.
- Contains embedded activities (or extensions) that emphasize use of technology for problem solving

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

Activity labs, chapter projects and math games provide opportunity for deeper questioning and critical thinking.

D. Supports Best Practices of Teaching and Learning

Strong Evidence

1) Engages Students

Strong Evidence

- Includes content geared to the needs, interests, and abilities of all students
- Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering.
- Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences
- Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels
- Activities are truly congruent to the concepts addressed, not merely correlated

Note: may apply to either teacher or student edition

2) Uses Assessment to Inform Instruction

Strong Evidence

- Includes multiple means of assessment as an integral part of instruction
- Provides evaluation measures in the teacher edition that supports differentiated learning activities
- Embedded assessments reflect a variety of Depth of Knowledge levels

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards

Each lesson contains check-point quizzes along with chapter exams (includes multiple choice, short answer and extended response items). The teacher edition contains alternative assessments. There are test-taking strategies preceding each chapter test.

E. Has an Organization/ Format that Supports Learning and Teaching

Strong Evidence

1) Organizational Quality

Strong Evidence

- Print and/or electronic materials present minimal barriers to learners, but also add encouragement for students to stretch and make further explorations.
- Presents chapters/lessons in an organized and logical sequence
- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components, interactive software, calculators, physical and virtual manipulatives) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size
- Included media are durable, easy to use and have technical merit

- Construction appears to be durable and able to withstand normal use

2) Essential Components (beyond student and teacher text)	Strong Evidence
<ul style="list-style-type: none">• Items identified as essential components support the learning goals and concept coverage of the basal	

- 3) Strengths, Weaknesses, Comments:**
- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.
- The essential components support the learning goals and concepts in the text. It includes KCCT and other standardized test practice questions.

F. Has available Ancillary/ Gratis Materials	
<i>Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F</i>	Strong Evidence

- 1) Ancillary/Gratis Materials**
- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
 - Are well-organized and easy to use
 - Provide substantive learning opportunities and are congruent with student learning goals
 - Provide opportunities for high-level thinking, assessment, and/or problem solving
 - Provides opportunities for intervention.

- 2) Strengths, Weaknesses, Comments:**
- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.
- Ancillary materials include ExamView test bank, Teacher Online Access Pack, Powerpoints presentations, and all teacher resources (on CD-ROM).